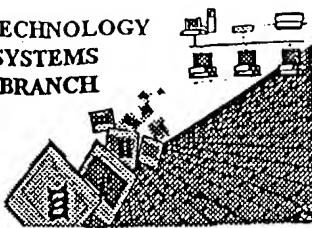


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/828,531A
Source: TFM
Date Processed by STIC: 10-15-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION SERIAL NUMBER: 10/828/531A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 Wrapped Nucleic
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 Variable Length Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>.<223> section that some may be missing

6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>.<223> section to be missing from amino acid sequence(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>.<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>.<223> sections for Artificial or Unknown sequences.

7 Skipped Sequences
 (OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)
 (ii) SEQUENCE DESCRIPTION SEQ ID NO X (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences.

8 Skipped Sequences
 (NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
<210> sequence id number
<400> sequence id number
000

9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>.<223> is MANDATORY if n's or Xaa's are present in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents

10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>.<223> section is required when <213> response is Unknown or is Artificial Sequence

11 Use of <220>
 Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 08/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/828,531A

DATE: 12/15/2004
TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt
Output Set: N:\CRF4\12152004\J828531A.raw

3 <110> APPLICANT: Atassi, M. Z.
4 Morrison, D. R.
6 <120> TITLE OF INVENTION: Molecular-specific Urokinase Antibodies
8 <130> FILE REFERENCE: MSC-21947-1-CU
10 <140> CURRENT APPLICATION NUMBER: 10/828,531A
11 <141> CURRENT FILING DATE: 2004-04-14
13 <160> NUMBER OF SEQ ID NOS: 17
15 <170> SOFTWARE: PatentIn version 3.3
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 15
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Peptide
25 <400> SEQUENCE: 1
27 Arg Gly Lys Ala Ser Thr Asp Thr Met Gly Arg Pro Cys Leu Pro
28 1 5 10 15
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 15
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Peptide
39 <400> SEQUENCE: 2
41 Arg Gly Lys Ala Ser Thr Asp Thr Met Gly Arg Pro Cys Leu Pro
42 1 5 10 15
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 10
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Peptide
53 <400> SEQUENCE: 3
55 Cys Arg Asn Pro Asp Asn Arg Arg Arg Pro
56 1 5 10
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 11
61 <212> TYPE: PRT
62 <213> ORGANISM: Artificial
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Peptide
67 <400> SEQUENCE: 4
69 Arg Asn Pro Asp Asn Arg Arg Pro Trp Cys

PLS EXPLAIN SOURCE OF genetic material.
(P.S.-I-S)

PLS EXPLAIN SOURCE OF genetic material.

Same error

*See item
#11 on
error
summary
sheet.*

Same error

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/828,531A

DATE: 12/15/2004
TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt
Output Set: N:\CRF4\12152004\J828531A.raw

70 1 5 10
73 <210> SEQ ID NO: 5

74 <211> LENGTH: 10

75 <212> TYPE: PRT

76 <213> ORGANISM: Artificial

78 <220> FEATURE:

79 <223> OTHER INFORMATION: Peptide

81 <400> SEQUENCE: 5

83 Cys Met Val His Asp Gly Ala Asp Gly Lys

84 1 5 10

87 <210> SEQ ID NO: 6

88 <211> LENGTH: 9

89 <212> TYPE: PRT

90 <213> ORGANISM: Artificial

92 <220> FEATURE:

93 <223> OTHER INFORMATION: Peptide

95 <400> SEQUENCE: 6

97 Met Val His Asp Cys Ala Asp Gly Lys

98 1 5

101 <210> SEQ ID NO: 7

102 <211> LENGTH: 13

103 <212> TYPE: PRT

104 <213> ORGANISM: Artificial

106 <220> FEATURE:

107 <223> OTHER INFORMATION: Peptide

109 <400> SEQUENCE: 7

111 Tyr Arg Arg His Arg Gly Gly Ser Val Thr Tyr Val Cys

112 1 5 10

115 <210> SEQ ID NO: 8

116 <211> LENGTH: 11

117 <212> TYPE: PRT

118 <213> ORGANISM: Artificial

120 <220> FEATURE:

121 <223> OTHER INFORMATION: Peptide

123 <400> SEQUENCE: 8

125 Cys Phe Ile Asp Tyr Pro Lys Lys Glu Asp Tyr

126 1 5 10

129 <210> SEQ ID NO: 9

130 <211> LENGTH: 12

131 <212> TYPE: PRT

132 <213> ORGANISM: Peptide

134 <400> SEQUENCE: 9

136 Ser Arg Leu Asn Ser Asn Thr Gln Gly Glu Met Lys

137 1 5 10

140 <210> SEQ ID NO: 10

141 <211> LENGTH: 12

142 <212> TYPE: PRT

143 <213> ORGANISM: Artificial

145 <220> FEATURE:

Same error

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/828,531A

DATE: 12/15/2004
TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt
Output Set: N:\CRF4\12152004\J828531A.raw

146 <223> OTHER INFORMATION: Peptide *Invalid response*
 148 <400> SEQUENCE: 10
 150 Ser Met Tyr Asn Asp Pro Gln Phe Gly Thr Ser Cys
 151 1 5 10
 154 <210> SEQ ID NO: 11
 155 <211> LENGTH: 24
 156 <212> TYPE: PRT
 157 <213> ORGANISM: Artificial *Same error*
 159 <220> FEATURE:
 160 <223> OTHER INFORMATION: Peptide
 162 <400> SEQUENCE: 11
 164 Leu Ile Ser His Arg Glu Cys Gln Gln Pro His Tyr Tyr Gly Ser Glu
 165 1 5 10 15
 168 Val Thr Thr Thr Lys Met Leu Cys
 169 20
 172 <210> SEQ ID NO: 12
 173 <211> LENGTH: 11
 174 <212> TYPE: PRT
 175 <213> ORGANISM: Artificial
 177 <220> FEATURE:
 178 <223> OTHER INFORMATION: Peptide *Same error*
 180 <400> SEQUENCE: 12
 182 Ser His Thr Lys Glu Glu Asn Gly Leu Ala Leu
 183 1 5 10
 186 <210> SEQ ID NO: 13
 187 <211> LENGTH: 7
 188 <212> TYPE: PRT
 189 <213> ORGANISM: Artificial
 191 <220> FEATURE:
 192 <223> OTHER INFORMATION: Peptide *Same error*
 194 <400> SEQUENCE: 13
 196 Pro Arg Phe Lys Ile Ile Gly
 197 1 5
 200 <210> SEQ ID NO: 14
 201 <211> LENGTH: 10
 202 <212> TYPE: PRT
 203 <213> ORGANISM: Artificial
 205 <220> FEATURE:
 206 <223> OTHER INFORMATION: Peptide *Same error*
 208 <400> SEQUENCE: 14
 210 Arg Pro Arg Phe Lys Ile Ile Gly Gly Glu
 211 1 5 10
 214 <210> SEQ ID NO: 15
 215 <211> LENGTH: 10
 216 <212> TYPE: PRT
 217 <213> ORGANISM: Artificial
 219 <220> FEATURE:
 220 <223> OTHER INFORMATION: Peptide *Same error*
 222 <400> SEQUENCE: 15

, see
item #

// on error
summary
sheet,

RAW SEQUENCE LISTING DATE: 12/15/2004
 PATENT APPLICATION: US/10/828,531A TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt
 Output Set: N:\CRF4\12152004\J828531A.raw

224 Leu Arg Pro Arg Phe Lys Ile Ile Gly Gly
 225 1 5 10
 228 <210> SEQ ID NO: 16
 229 <211> LENGTH: 411
 230 <212> TYPE: PRT
 231 <213> ORGANISM: Artificial
 233 <220> FEATURE:
 234 <223> OTHER INFORMATION: Peptide *Same error*
 236 <400> SEQUENCE: 16
 238 Ser Asn Glu Leu His Gln Val Pro Ser Asn Cys Asp Cys Leu Asn Gly
 239 1 5 10 15
 242 Gly Thr Cys Val Ser Asn Lys Tyr Phe Ser Asn Ile His Trp Cys Asn
 243 20 25 30
 246 Cys Pro Lys Lys Phe Gly Gly Gln His Cys Glu Ile Asp Lys Ser Lys
 247 35 40 45
 250 Thr Cys Tyr Glu Gly Asn Gly His Phe Tyr Arg Gly Lys Ala Ser Thr
 251 50 55 60
 254 Asp Thr Met Gly Arg Pro Cys Leu Pro Trp Asn Ser Ala Thr Val Leu
 255 65 70 75 80
 258 Gln Gln Thr Tyr His Ala His Arg Ser Asp Ala Leu Gln Leu Gly Leu
 259 85 90 95
 262 Gly Lys His Asn Tyr Cys Arg Asn Pro Asp Asn Arg Arg Pro Trp
 263 100 105 110
 266 Cys Tyr Val Gln Val Gly Leu Lys Pro Leu Val Gln Glu Cys Met Val
 267 115 120 125
 270 His Asp Cys Ala Asp Gly Lys Lys Pro Ser Ser Pro Pro Glu Glu Leu
 271 130 135 140
 274 Lys Phe Gln Cys Gly Gln Lys Thr Leu Arg Pro Arg Phe Lys Ile Ile
 275 145 150 155 160
 278 Gly Gly Glu Phe Thr Thr Ile Glu Asn Gln Pro Trp Phe Ala Ala Ile
 279 165 170 175
 282 Tyr Arg Arg His Arg Gly Gly Ser Val Thr Tyr Val Cys Gly Gly Ser
 283 180 185 190
 286 Leu Ile Ser Pro Cys Trp Val Ile Ser Ala Thr His Cys Phe Ile Asp
 287 195 200 205
 290 Tyr Pro Lys Lys Glu Asp Tyr Ile Val Tyr Leu Gly Arg Ser Arg Leu
 291 210 215 220
 294 Asn Ser Asn Thr Gln Gly Glu Met Lys Phe Glu Val Glu Asn Leu Ile
 295 225 230 235 240
 298 Leu His Lys Asp Tyr Ser Ala Asp Thr Leu Ala His His Asn Asp Ile
 299 245 250 255
 302 Ala Leu Leu Lys Ile Arg Ser Lys Glu Gly Arg Cys Ala Gln Pro Ser
 303 260 265 270
 306 Arg Thr Ile Gln Thr Ile Cys Leu Pro Ser Met Tyr Asn Asp Pro Gln
 307 275 280 285
 310 Phe Gly Thr Ser Cys Glu Ile Thr Gly Phe Gly Lys Glu Asn Ser Thr
 311 290 295 300
 314 Asp Tyr Leu Tyr Pro Glu Gln Leu Lys Met Thr Val Val Lys Leu Ile
 315 305 310 315 320

RAW SEQUENCE LISTING

DATE: 12/15/2004

PATENT APPLICATION: US/10/828,531A

TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt

Output Set: N:\CRF4\12152004\J828531A.raw

318 Ser His Arg Glu Cys Gln Gln Pro His Tyr Tyr Gly Ser Glu Val Thr
319 325 330 335
322 Thr Lys Met Leu Cys Ala Ala Asp Pro Gln Trp Lys Thr Asp Ser Cys
323 340 345 350
326 Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Ser Leu Gln Gly Arg Met
327 355 360 365
330 Thr Leu Thr Gly Ile Val Ser Trp Gly Arg Gly Cys Ala Leu Lys Asp
331 370 375 380
334 Lys Pro Gly Val Tyr Thr Arg Val Ser His Phe Leu Pro Trp Ile Arg
335 385 390 395 400
338 Ser His Thr Lys Glu Glu Asn Gly Leu Ala Leu
339 405 410
342 <210> SEQ ID NO: 17
343 <211> LENGTH: 9
344 <212> TYPE: PRT
345 <213> ORGANISM: Artificial
347 <220> FEATURE:
348 <223> OTHER INFORMATION: Peptide *Same error*
350 <400> SEQUENCE: 17
352 Ala Asp Asp Gly Lys Lys Pro Ser Ser
353 1 5

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/15/2004
PATENT APPLICATION: US/10/828,531A TIME: 15:23:12

Input Set : A:\MSC-21947-1-CU.ST25.txt
Output Set: N:\CRF4\12152004\J828531A.raw

alid <213> Response:
of "Artificial" only as "<213> Organism" response is incomplete,
1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

#:1,2,3,4,5,6,7,8,10,11,12,13,14,15,16,17

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/828,531A

DATE: 12/15/2004

TIME: 15:23:12

Input Set : A:\MSC-21947-1-CU.ST25.txt

Output Set: N:\CRF4\12152004\J828531A.raw